

December 26, 2002
071-7662-00007

RE: TEPPCO Seymour Terminal
TO: Interested Parties / Applicant

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within (18) eighteen days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) the date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for consideration at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosure

MINOR SOURCE OPERATING PERMIT OFFICE OF AIR QUALITY

**TEPPCO Seymour Terminal
10197 E. County Road 1000 North
Seymour, Indiana 47274**

(herein known as the Permittee) is hereby authorized to construct and operate subject to the conditions contained herein, the emission units described in Section A (Source Summary) of this permit.

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Operation Permit No.: MSOP 071-7662-00007	
Original signed by Paul Dubenetzky Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: December 26, 2002 Expiration Date: December 26, 2007

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SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-5.1-3(c)] [326 IAC 2-6.1-4(a)]

The Permittee owns and operates a stationary refined petroleum pipeline terminal.

Authorized Individual: Region Manager
Source Address: 10197 E. County Road 1000 North, Seymour, IN 47274
Mailing Address: P.O. Box 426, Seymour, Indiana 47274
General Source Phone 812-522-3715
SIC Code: 4613
County Location: Jackson
Source Status: Attainment for all criteria pollutants
Minor Source Operating Permit
Minor Source, under PSD;
Minor Source, Section 112 of the Clean Air Act

A.2 Emissions units and Pollution Control Equipment Summary

This stationary source is approved to operate the following emissions units and pollution control devices:

- (a) One (1) fixed roof cone tank identified as Tank No. 3001, with a capacity of 3,534,659 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low vapor pressure (VP) product, and exhausting to stack 001 (constructed in 1959).
- (b) One (1) fixed roof cone tank identified as Tank No. 3002, with a capacity of 2,666,143 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product, exhausting to stack 002 (constructed in 1959).
- (c) One (1) fixed roof cone tank identified as Tank No. 3003, with a capacity of 2,666,143 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product, exhausting to stack 003 (constructed in 1959).
- (d) One (1) internal floating roof tank identified as Tank No. 3004, with a capacity of 3,220,014 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 004 (constructed in 1959).
- (e) One (1) domed external floating roof tank identified as Tank No. 3005, with a capacity of 3,249,498 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 005 (constructed in 1959).
- (f) One (1) domed external floating roof tank identified as Tank No. 3006, with a capacity of 3,246,054 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 006 (constructed in 1959).

- (g) One (1) domed external floating roof tank identified as Tank No. 3007, with a capacity of 2,527,686 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 007 (constructed in 1959).
- (h) One (1) domed external floating roof tank identified as Tank No. 3008, with a capacity of 2,528,274 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 008 (constructed in 1959).
- (i) One (1) internal floating roof tank identified as Tank No. 3009, with a capacity of 12,453,714 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 009 (constructed in 1961).
- (j) One (1) fixed roof cone tank identified as Tank No. 3010, with a capacity of 13,309,385 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 010 (constructed in 1961).
- (k) One (1) fixed roof cone tank identified as Tank No. 3011, with a capacity of 3,566,099 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 011 (constructed in 1961).
- (l) One (1) domed external floating roof tank identified as Tank No. 3012, with a capacity of 1,361,892 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 012 (constructed in 1961).
- (m) One (1) fixed roof cone tank identified as Tank No. 3013, with a capacity of 11,022,995 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 013 (constructed in 1961).
- (n) One (1) domed external floating roof tank identified as Tank No. 3014, with a capacity of 2,498,790 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 014 (constructed in 1960).
- (o) One (1) domed external floating roof tank identified as Tank No. 3015, with a capacity of 3,245,424 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 015 (constructed in 1960).
- (p) One (1) domed external floating roof tank identified as Tank No. 3016, with a capacity of 3,497,718 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 016 (constructed in 1960).
- (q) One (1) domed external floating roof tank identified as Tank No. 3017, with a capacity of 2,498,118 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 017 (constructed in 1960).
- (r) One (1) internal floating roof tank identified as Tank No. 3018, with a capacity of 955,988 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 018 (constructed in 1980).

- (s) One (1) internal floating roof tank identified as Tank No. 3061, with a capacity of 79,716 gallons and a maximum withdrawal rate of 2,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 061 (constructed in 1959).
- (t) One (1) fixed roof cone tank identified as Tank No. 3062, with a capacity of 211,012 gallons and a maximum withdrawal rate of 5,000 barrels per hour of Blends, Transmix, Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 062 (constructed in 1961).
- (u) One (1) internal floating roof tank identified as Tank No. 3063, with a capacity of 201,516 gallons and a maximum withdrawal rate of 5,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 063 (constructed in 1961).
- (v) Space heaters, process heater, or boilers using the following fuels: Propane or liquified petroleum gas, or butane -fired combustion sources with heat input equal to or less than six million (6,000,000) Btu per hour.
- (w) A petroleum fuel, other than gasoline, dispensing facility, having storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
- (x) The following VOC and HAP storage containers:
 - (1) Storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons.
 - (2) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.
- (y) Equipment used exclusively for the following: Filling drums, pails or other packaging container with lubricating oil, waxes, and greases.
- (z) Groundwater oil recovery wells.
- (aa) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume.
- (bb) Process vessel degassing and cleaning to prepare for internal repairs.
- (cc) On-site fire and emergency response training approved by the department.
- (dd) Emergency generators as follows: Natural gas turbines or reciprocating engines not exceeding 16,000 horsepower.
- (ee) Purge double block and bleed valves.
- (ff) Farm operations.
- (gg) Activities or categories not previously identified with emissions less than exempt thresholds:
 - (1) Tank bottom treatment system.
 - (2) Flare used for maintenance only.

SECTION B GENERAL CONDITIONS

THIS SECTION OF THE PERMIT IS BEING ISSUED UNDER THE PROVISIONS OF 326 IAC 2-1.1 AND 40 CFR 52.780, WITH CONDITIONS LISTED BELOW.

B.1 Permit No Defense [IC 13]

This permit to operate does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

B.2 Definitions

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations IC 13-11, 326 IAC 1-2, and 326 IAC 2-1.1-1 shall prevail.

B.3 Effective Date of the Permit [IC13-15-5-3]

Pursuant to IC 13-15-5-3, this permit becomes effective upon its issuance.

B.4 Modification to Permit [326 IAC 2]

All requirements and conditions of this operating permit shall remain in effect unless modified in a manner consistent with procedures established for modifications of operating permits pursuant to 326 IAC 2 (Permit Review Rules).

B.5 Permit Term and Renewal [326 IAC 2-6.1-7(a)] [326 IAC 2-1.1-9.5]

This permit is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions of this permit do not affect the expiration date.

The Permittee shall apply for an operation permit renewal at least ninety (90) days prior to the expiration date. If a timely and sufficient permit application for a renewal has been made, this permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.

B.6 Minor Source Operating Permit [326 IAC 2-6.1]

The operation permit will be subject to annual operating permit fees pursuant to 326 IAC 2-1.1-7(Fees).

B.7 Annual Notification [326 IAC 2-6.1-5(a)(5)]

- (a) Annual notification shall be submitted to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.
- (b) Noncompliance with any condition must be specifically identified. If there are any permit conditions or requirements for which the source is not in compliance at any time during the year, the Permittee must provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be, achieved. The notification must be signed by an authorized individual.
- (c) The annual notice shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in the format attached no later than March 1 of each year to:

Compliance Branch, Office of Air Quality
Indiana Department of Environmental Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, IN 46206-6015

- (d) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

B.8 Preventive Maintenance Plan [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, including the following information on each emissions unit:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The PMP extension notification does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

B.9 Permit Revision [326 IAC 2-5.1-3(e)(3)] [326 IAC 2-6.1-6]

- (a) Permit revisions are governed by the requirements of 326 IAC 2-6.1-6:
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application shall be certified by an "authorized individual" as defined by 326 IAC 2-1.1-1.

- (c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-only change.
[326 IAC 2-6.1-6(d)]

B.10 Inspection and Entry [326 IAC 2-5.1-3(e)(4)(B)] [326 IAC 2-6.1-5(a)(4)]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a permitted source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under this title or the conditions of this permit or any operating permit revisions;
- (c) Inspect, at reasonable times, any processes, emissions units (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit or any operating permit revisions;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.11 Transfer of Ownership or Operation [326 IAC 2-6.1-6(d)(3)]

Pursuant to [326 IAC 2-6.1-6(d)(3)] :

- (a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAQ, Permits Branch, within thirty (30) days of the change.
- (b) The written notification shall be sufficient to transfer the permit to the new owner by an notice-only change pursuant to 326 IAC 2-6.1-6(d)(3).
- (c) IDEM, OAQ, shall issue a revised permit.

The notification which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1.

B.12 Annual Fee Payment [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing.
- (b) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, I/M & Billing Section), to determine the appropriate permit fee.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

- C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [40 CFR 52 Subpart P][326 IAC 6-3-2]
- (a) Pursuant to 40 CFR 52 Subpart P, the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.
- (b) Pursuant to 326 IAC 6-3-2(e)(2), the allowable particulate emissions rate from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.
- C.2 PSD Minor Source Status [326 IAC 2-2] [40 CFR 52.21]
- (a) The total source potential to emit of all pollutants is less than 250 tons per year. Therefore the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 will not apply.
- (b) Any change or modification which may increase potential to emit to 250 tons per year from this source, shall cause this source to be considered a major source under PSD, 326 IAC 2-2 and 40 CFR 52.21, and shall require approval from IDEM, OAQ prior to making the change.
- (c) Any change or modification which may increase potential to emit to 10 tons per year of any single hazardous air pollutant, twenty-five tons per year of any combination of hazardous air pollutants, or 100 tons per year of any other regulated pollutant from this source, shall cause this source to be considered a major source under Part 70 Permit Program, 326 IAC 2-7, and shall require approval from IDEM, OAQ prior to making the change.
- C.3 Permit Revocation [326 IAC 2-1.1-9]
- Pursuant to 326 IAC 2-1-9(a)(Revocation of Permits), this permit to operate may be revoked for any of the following causes:
- (a) Violation of any conditions of this permit.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.
- (d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.
- (e) For any cause which establishes in the judgment of IDEM, the fact that continuance of this permit is not consistent with purposes of this article.
- C.4 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]
- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1.

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited, pursuant to the provisions of 40 CFR 61, Subpart M, is federally enforceable.

C.5 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.6 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

Testing Requirements

C.7 Performance Testing [326 IAC 3-6]

- (a) Compliance testing on new emissions units shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up, if specified in Section D of this approval. All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date.

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date.
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by the IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

C.8 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U.S. EPA.

Compliance Monitoring Requirements

C.9 Compliance Monitoring [326 IAC 2-1.1-11]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

C.10 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60, Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

C.11 Compliance Response Plan - Preparation and Implementation

- (a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:
 - (1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.
 - (2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.
- (b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:
 - (1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or
 - (2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.
 - (3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, the IDEM, OAQ shall be promptly notified of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.
 - (4) Failure to take reasonable response steps shall constitute a violation of the permit.
- (c) The Permittee is not required to take any further response steps for any of the following reasons:
 - (1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.
 - (3) An automatic measurement was taken when the process was not operating.
 - (4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.
- (d) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

Record Keeping and Reporting Requirements

C.12 Malfunctions Report [326 IAC 1-6-2]

Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

- (a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.
- (b) When a malfunction of any facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.
- (c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).
- (d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

C.13 General Record Keeping Requirements [326 IAC 2-6.1-5]

- (a) Records of all required data, reports and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented when operation begins.

C.14 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-2] [IC 13-14-1-13]

- (a) Reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) Unless otherwise specified in this permit, any quarterly report required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The report does not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (d) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.

SECTION D.1

EMISSIONS UNIT OPERATION CONDITIONS

Facility Description:

- (a) One (1) fixed roof cone tank identified as Tank No. 3001, with a capacity of 3,534,659 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low vapor pressure (VP) product, and exhausting to stack 001 (constructed in 1959).
- (b) One (1) fixed roof cone tank identified as Tank No. 3002, with a capacity of 2,666,143 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product, exhausting to stack 002 (constructed in 1959).
- (c) One (1) fixed roof cone tank identified as Tank No. 3003, with a capacity of 2,666,143 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product, exhausting to stack 003 (constructed in 1959).
- (d) One (1) internal floating roof tank identified as Tank No. 3004, with a capacity of 3,220,014 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 004 (constructed in 1959).
- (e) One (1) domed external floating roof tank identified as Tank No. 3005, with a capacity of 3,249,498 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 005 (constructed in 1959).
- (f) One (1) domed external floating roof tank identified as Tank No. 3006, with a capacity of 3,246,054 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 006 (constructed in 1959).
- (g) One (1) domed external floating roof tank identified as Tank No. 3007, with a capacity of 2,527,686 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 007) constructed in 1959).
- (h) One (1) domed external floating roof tank identified as Tank No. 3008, with a capacity of 2,528,274 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 008 (constructed in 1959).
- (i) One (1) internal floating roof tank identified as Tank No. 3009, with a capacity of 12,453,714 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 009 (constructed in 1961).
- (j) One (1) fixed roof cone tank identified as Tank No. 3010, with a capacity of 13,309,385 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 010 (constructed in 1961).

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Facility Description:

- (k) One (1) fixed roof cone tank identified as Tank No. 3011, with a capacity of 3,566,099 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 011 (constructed in 1961).
- (l) One (1) domed external floating roof tank identified as Tank No. 3012, with a capacity of 1,361,892 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 012 (constructed in 1961).
- (m) One (1) fixed roof cone tank identified as Tank No. 3013, with a capacity of 11,022,995 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 013 (constructed in 1961).
- (n) One (1) domed external floating roof tank identified as Tank No. 3014, with a capacity of 2,498,790 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 014 (constructed in 1960).
- (o) One (1) external floating roof tank identified as Tank No. 3015, with a capacity of 3,245,424 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 015 (constructed in 1960).
- (p) One (1) domed external floating roof tank identified as Tank No. 3016, with a capacity of 3,497,718 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 016 (constructed in 1960).
- (q) One (1) domed external floating roof tank identified as Tank No. 3017, with a capacity of 2,498,118 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 017 (constructed in 1960).
- (r) One (1) internal floating roof tank identified as Tank No. 3018, with a capacity of 955,988 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 018 (constructed in 1980).
- (s) One (1) internal floating roof tank identified as Tank No. 3061, with a capacity of 79,716 gallons and a maximum withdrawal rate of 2,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 061 (constructed in 1959).
- (t) One (1) fixed roof cone tank identified as Tank No. 3062, with a capacity of 211,012 gallons and a maximum withdrawal rate of 5,000 barrels per hour of Blends, Transmix, Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 062 (constructed in 1961).
- (u) One (1) internal floating roof tank identified as Tank No. 3063, with a capacity of 201,516 gallons and a maximum withdrawal rate of 5,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 063 (constructed in 1961).

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Facility Description [326 IAC 2-5.1-3(c)(2)(C)]:

- (v) Space heaters, process heater, or boilers using the following fuels: Propane or liquified petroleum gas, or butane -fired combustion sources with heat input equal to or less than six million (6,000,000) Btu per hour.
- (w) A petroleum fuel, other than gasoline, dispensing facility, having storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
- (x) The following VOC and HAP storage containers:
 - (1) Storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons.
 - (2) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.
- (y) Equipment used exclusively for the following: Filling drums, pails or other packaging container with lubricating oil, waxes, and greases.
- (z) Groundwater oil recovery wells.
- (aa) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume.
- (bb) Process vessel degassing and cleaning to prepare for internal repairs.
- (cc) On-site fire and emergency response training approved by the department.
- (dd) Emergency generators as follows: Natural gas turbines or reciprocating engines not exceeding 16,000 horsepower.
- (ee) Purge double block and bleed valves.
- (ff) Farm operations.
- (gg) Activities or categories not previously identified with emissions less than exempt thresholds:
 - (1) Tank bottom treatment system.
 - (2) Flare used for maintenance only.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards

D.1.1 General Provisions Relating to NSPS [326 IAC 12-1-1] [40 CFR Part 60, Subpart A]

The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated as 326 IAC 12-1-1, apply to tank 3018 described in this section except when otherwise specified in 40 CFR Part 60, Subpart Kb.

D.1.2 Volatile Organic Liquid Storage Vessels NSPS [326 IAC 12] [40 CFR Part 60, Subpart Kb]

The provisions of 40 CFR 60, Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (including petroleum liquid tanks) for which construction, reconstruction, or modification commenced after July 23, 1984, which are incorporated by reference as 326 IAC 12, apply to tank 3018. A copy of this rule is attached. The Permittee shall comply with the requirements of this rule.

D.1.3 Standards for Volatile Organic Compounds Emissions from Storage Vessels [40 CFR 60.112b] [Subpart Kb]
[326 IAC 12]

Pursuant to 326 IAC 12 and 40 CFR 60.112b, the Permittee shall equip tank 3018 with a fixed roof in combination with an internal floating roof meeting the following specifications:

- (a) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a tank that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the tank is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
- (b) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the tank and the edge of the internal floating roof:
 - (1) A foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the tank and the floating roof continuously around the circumference of the tank.
 - (2) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the tank and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.
 - (3) A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the tank by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
- (c) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.
- (d) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
- (e) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
- (f) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
- (g) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.
- (h) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.
- (i) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

D.1.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the storage tank 3018 and any control devices.

Compliance Determination Requirements

D.1.5 Performance Testing [40 CFR 60.113b] [326 IAC 12]

The Permittee of tank 3018 as specified in 40 CFR 60.112b(a), shall meet the following requirements.

After installing the control equipment required to meet 40 CFR 60.112b(a)(1) (permanently affixed roof and internal floating roof), each Permittee shall:

- (a) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the tank with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the Permittee shall repair the items before filling the tank.
- (b) For Vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the tank, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the Permittee shall repair the items or empty and remove the tank from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in 40 CFR 60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.
- (c) For vessels equipped with a double-seal system as specified in 40 CFR 60.112b(a)(1)(ii)(B):
 - (1) Visually inspect the vessel as specified in paragraph (a)(4) of this section at least every 5 years; or
 - (2) Visually inspect the vessel as specified in paragraph (a)(2) of this section.
- (d) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the tank is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the Permittee shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the tank with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraphs (a)(2) and (a)(3)(ii) of this section and at intervals no greater than 5 years in the case of vessels specified in paragraph (a)(3)(i) of this section.
- (e) Notify the Administrator in writing at least 30 days prior to the filling or refilling of each tank for which an inspection is required by paragraphs (a) and (d) of this section to afford the Administrator the opportunity to have an observer present. If the inspection required by paragraph (d) of this section is not planned and the Permittee could not have known about the inspection 30 days in advance or refilling the tank, the Permittee shall notify the Administrator at least 7 days prior to the refilling of the tank. Notification shall be made by telephone immediately followed by written documentation demonstrating why the

inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Administrator at least 7 days prior to the refilling.

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.1.6 Monitoring of Storage Vessels [40 CFR 60.116b] [326 IAC 12]

Pursuant to 40 CFR 60.116b, the Permittee shall comply with the applicable compliance monitoring requirements specified below for tank 3018.

- (a) The Permittee shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source.
- (b) The Permittee of each tank as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the tank and an analysis showing the capacity of the tank.
- (c) The Permittee of each tank shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.
- (d) The Permittee of each tank either with a design capacity greater than or equal to 151 m³ storing a liquid with a maximum true vapor pressure that is normally less than 5.2 kPa or with a design capacity greater than or equal to 75 m³ but less than 151 m³ storing a liquid with a maximum true vapor pressure that is normally less than 27.6 kPa shall notify the Administrator within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range.
- (e) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined in 40 CFR 60.116b(e).
- (f) The permittee of each tank equipped with a closed vent system and control device meeting the specifications of 40 CFR 60.112b is exempt from the requirements of paragraphs (d) above.
- (g) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.1.7 Record Keeping and Reporting [40 CFR 60.115b] [326 IAC 12]

The Permittee of tank 3018 as specified in 40 CFR 60.112b(a) shall keep records and furnish reports as required by paragraph (a). The Permittee shall keep copies of all reports and records required by this section for at least 2 years.

- (a) After installing control equipment in accordance with 40 CFR 60.112b(a)(1) (fixed roof and internal floating roof), the Permittee shall meet the following requirements.
 - (1) Furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 40 CFR 60.113b(a)(1). This report shall be an attachment to the notification required by 40 CFR 60.7(a)(3).
 - (2) Keep a record of each inspection performed as required by 40 CFR 60.113b (a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the tank on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the

control equipment (seals, internal floating roof, and fittings).

- (3) If any of the conditions described in 40 CFR 60.113b(a)(2) are detected during the annual visual inspection required by 40 CFR 60.113b(a)(2), a report shall be furnished to the Administrator within 30 days of the inspection. Each report shall identify the tank, the nature of the defects, and the date the tank was emptied or the nature of and date the repair was made.
 - (4) After each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii), a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the tank and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made.
- (b) To document compliance with Condition D.1.6, the Permittee shall maintain records as specified in condition D.1.6 fulfilling the requirements for monitoring of storage vessels.
 - (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH**

**MINOR SOURCE OPERATING PERMIT
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

Company Name:	TEPPCO Seymour Terminal
Address:	10197 E. County Road 1000 North
City:	Seymour, IN 47274
Phone #:	812-522-3715
MSOP #:	071-7662-00007

I hereby certify that TEPPCO Seymour Terminal is ☒ still in operation.
☐ no longer in operation.

I hereby certify that TEPPCO Seymour Terminal is ☒ in compliance with the requirements of MSOP 071-7662-00007.
☐ not in compliance with the requirements of MSOP 071-7662-00007.

Authorized Individual (typed):
Title:
Signature:
Date:

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

Noncompliance:

MALFUNCTION REPORT

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
FAX NUMBER - 317 233-5967**

**This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6
and to qualify for the exemption under 326 IAC 1-6-4.**

THIS FACILITY MEETS THE APPLICABILITY REQUIREMENTS BECAUSE IT HAS POTENTIAL TO EMIT 25 TONS/YEAR PARTICULATE MATTER ?_____, 25 TONS/YEAR SULFUR DIOXIDE ?_____, 25 TONS/YEAR NITROGEN OXIDES?_____, 25 TONS/YEAR VOC ?_____, 25 TONS/YEAR HYDROGEN SULFIDE ?_____, 25 TONS/YEAR TOTAL REDUCED SULFUR ?_____, 25 TONS/YEAR REDUCED SULFUR COMPOUNDS ?_____, 25 TONS/YEAR FLUORIDES ?_____, 100TONS/YEAR CARBON MONOXIDE ?_____, 10 TONS/YEAR ANY SINGLE HAZARDOUS AIR POLLUTANT ?_____, 25 TONS/YEAR ANY COMBINATION HAZARDOUS AIR POLLUTANT ?_____, 1 TON/YEAR LEAD OR LEAD COMPOUNDS MEASURED AS ELEMENTAL LEAD ?_____, OR IS A SOURCE LISTED UNDER 326 IAC 2-5.1-3(2) ?_____. EMISSIONS FROM MALFUNCTIONING CONTROL EQUIPMENT OR PROCESS EQUIPMENT CAUSED EMISSIONS IN EXCESS OF APPLICABLE LIMITATION _____.

THIS MALFUNCTION RESULTED IN A VIOLATION OF: 326 IAC _____ OR, PERMIT CONDITION # _____ AND/OR PERMIT LIMIT OF _____

THIS INCIDENT MEETS THE DEFINITION OF 'MALFUNCTION' AS LISTED ON REVERSE SIDE ? Y N

THIS MALFUNCTION IS OR WILL BE LONGER THAN THE ONE (1) HOUR REPORTING REQUIREMENT ? Y N

COMPANY: TEPPCO Seymour Terminal PHONE NO. (812) 522-3715
LOCATION: (CITY AND COUNTY) Seymour (Jackson County)
PERMIT NO. 071-7662 AFS PLANT ID: 00007 AFS POINT ID: _____ INSP: Joe Foyst
CONTROL/PROCESS DEVICE WHICH MALFUNCTIONED AND REASON: _____

DATE/TIME MALFUNCTION STARTED: ____/____/ 19____ AM / PM

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: _____

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE ____/____/ 19____ AM/PM

TYPE OF POLLUTANTS EMITTED: TSP, PM-10, SO₂, VOC, OTHER: _____

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: _____

MEASURES TAKEN TO MINIMIZE EMISSIONS: _____

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL* SERVICES: _____
CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS: _____
CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT: _____
INTERIM CONTROL MEASURES: (IF APPLICABLE) _____

MALFUNCTION REPORTED BY: _____ TITLE: _____
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY: _____ DATE: _____ TIME: _____

PAGE 1 OF 2

**Please note - This form should only be used to report malfunctions
applicable to Rule 326 IAC 1-6 and to qualify for
the exemption under 326 IAC 1-6-4.**

326 IAC 1-6-1 Applicability of rule

Sec. 1. This rule applies to the owner or operator of any facility required to obtain a permit under 326 IAC 2-5.1 or 326 IAC 2-6.1.

326 IAC 1-2-39 "Malfunction" definition

Sec. 39. Any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner.

***Essential services** are interpreted to mean those operations, such as, the providing of electricity by power plants. Continued operation solely for the economic benefit of the owner or operator shall not be sufficient reason why a facility cannot be shutdown during a control equipment shutdown.

If this item is checked on the front, please explain rationale:

PAGE 2 OF 2

Indiana Department of Environmental Management Office of Air Quality

Addendum to the Technical Support Document (TSD) for a Minor Source Operating Permit (MSOP)

Source Name:	TEPPCO Seymour Terminal
Source Location:	10197 E. County Road 1000 North, Seymour, IN 47274
SIC Code:	4613
County:	Jackson
Operation Permit No.:	M071-7662-00007
Permit Reviewer:	Adeel Yousuf /EVP

On November 4, 2002, the Office of Air Quality (OAQ) had a notice published in the Tribune, Seymour, Indiana, stating that TEPPCO Seymour Terminal had applied for a Minor Source Operating Permit (MSOP) for a refined petroleum pipeline terminal operation. The notice also stated that OAQ proposed to issue a Minor Source Operating Permit for this operation and provided information on how the public could review the proposed MSOP and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this MSOP should be issued as proposed.

Upon further review, the OAQ has decided to make the following change to the MSOP. Bolded language has been added and the language with a line through it has been deleted.

1. The electronic letterhead has being removed from the model document.
2. The expiration has been added to the signature box. The Administration and Development Section will be responsible for typing in the issuance date and the expiration date.

Operation Permit No.: MSOP 071-7662-00007	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: Expiration Date:

3. Section A.1

The title of the authorized individual is now preferred so that there are less changes needed to be made. A general number has replace the contact person's phone number. "County Status" has been replaced with "Source Location Status" in order to clarify when only portions of a county are non-attainment.

A.1 General Information [326 IAC 2-5.1-3(c)] [326 IAC 2-6.1-4(a)]

The Permittee owns and operates a stationary refined petroleum pipeline terminal.

Authorized Individual:	Larry Cadle , Region Manager
Source Address:	10197 E. County Road 1000 North, Seymour, IN 47274
Mailing Address:	P.O. Box 426, Seymour, Indiana 47274
General Source Phone Number:	(765) 457-7277
SIC Code:	4613
County Location:	Jackson
County Source Status:	Attainment for all criteria pollutants
Source Status:	Minor Source Operating Permit Minor Source, under PSD; Minor Source, Section 112 of the Clean Air Act

4. B.2 (Definitions) has been revised to clarify the language.

B.2 Definitions

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, ~~any~~ **the** applicable definitions found in **the statutes or regulations** IC 13-11, 326 IAC 1-2, and 326 IAC 2-1.1-1 shall prevail.

5. Part (b) of B.6 (Minor Source Operating Permit) has been incorporated into B.5.

B.5 Permit Term **and Renewal** [326 IAC 2-6.1-7(a)] **[326 IAC 2-1.1-9.5]**

This permit is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions of this permit do not affect the expiration date.

The Permittee shall apply for an operation permit renewal at least ninety (90) days prior to the expiration date. If a timely and sufficient permit application for a renewal has been made, this permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.

B.6 Minor Source Operating Permit [326 IAC 2-6.1]

~~(a)~~ The operation permit will be subject to annual operating permit fees pursuant to 326 IAC 2-1.1-7(Fees).

~~(b)~~ Pursuant to 326 IAC 2-6.1-7, the Permittee shall apply for an operation permit renewal at least ninety (90) days prior to the expiration date established in the validation letter. If IDEM, OAG, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied. The operation permit issued shall contain as a minimum the conditions in Section C and Section D of this permit.

6. Condition B.7 is being removed as there is no new construction at the source which is subject to the requirements of NSPS Part 60.112b, Subpart Kb.

~~B.7 NSPS Reporting Requirement~~

~~Pursuant to the New Source Performance Standards (NSPS), Part 60.112b, Subpart Kb, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:~~

- ~~(a) Commencement of construction date (no later than 30 days after such date);~~
~~(b) Anticipated start-up date (not more than 60 days or less than 30 days prior to such date);~~
~~(c) Actual start-up date (within 15 days after such date); and~~
~~(d) Date of performance testing (at least 30 days prior to such date), when required by a condition elsewhere in this permit.~~

~~Reports are to be sent to:~~

~~Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, IN 46206-6015~~

~~The application and enforcement of these standards have been delegated to the IDEM, OAQ. The requirements of 40 CFR Part 60 are also federally enforceable.~~

7. Annual Notification has been moved to Section B.7 from Section C.17.
8. Preventive Maintenance Plan has been moved to Section B.8 from Section C.2. The language "Preventive Maintenance Plans" has been replaced with "PMPs" throughout the condition, since it has already been defined. In (c) language was added that says the source has a reasonable time to provide a PMP when IDEM, OAQ requests it.

~~C.2~~**B.8 Preventive Maintenance Plan [326 IAC 1-6-3]**

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) **within ninety (90) days** after issuance of this permit, including the following information on each emissions unit:

- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
- (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; **and**
- (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

**Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015**

The PMP extension notification does not require the certification by an “authorized individual” as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall implement the ~~Preventive Maintenance Plans~~ **PMPs** as necessary to ensure that failure to implement ~~the Preventive Maintenance Plan~~ **a PMP** does not cause or contribute to a violation of any limitation on emissions or potential to emit.
 - (c) **A copy of the** PMPs shall be submitted to IDEM, OAQ upon request **and within a reasonable time**, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its ~~Preventive Maintenance Plan~~ **PMPs** whenever lack of proper maintenance causes or contributes to any violation. **The PMP does not require the certification by an “authorized individual” as defined by 326 IAC 2-1.1-1(1).**
 - (d) **Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.**
9. Permit Revision has been moved to Section B.9 from Section C.3. (a) has been revised to prevent liability to both a permit violation and a rule violation. By changing this language IDEM is merely referencing the requirements and not mandating compliance with it. It has been changed to replace “should” with “shall” in subpart (b). “the” authorized individual has been replaced with “an” authorized individual, because the rule does not specify that it has to be one individual; this change will be made throughout the permit.

G.3B.9 Permit Revision [326 IAC 2-5.1-3(e)(3)] [326 IAC 2-6.1-6]

- (a) ~~The Permittee must comply with~~ **Permit revisions are governed by** the requirements of 326 IAC 2-6.1-6 ~~whenever the Permittee seeks to amend or modify this permit.~~
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application ~~should~~ **shall** be certified by ~~the~~ **an** “authorized individual” as defined by 326 IAC 2-1.1-1.

10. Inspection and Entry and Transfer of Ownership have both been moved to Sections B.10 and B.11, respectively, from Sections C.4 and C.5, respectively.

11. B.12 Annual Fee Payment was added to the permit.

B.12 Annual Fee Payment [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing.
 - (b) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, I/M & Billing Section), to determine the appropriate permit fee.
12. C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour has been added to the MSOP. All other C conditions have been re-numbered accordingly.

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [40 CFR 52 Subpart P][326 IAC 6-3-2]

- (a) Pursuant to 40 CFR 52 Subpart P, the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.
 - (b) Pursuant to 326 IAC 6-3-2(e)(2), the allowable particulate emissions rate from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.
13. C.6 Permit Revocation has been re-numbered as C.3 and the rule cite was corrected.
- C.63 Permit Revocation [~~326 IAC 2-1.1-9~~] [326 IAC 2-1.1-9]
14. Asbestos Abatement Projects has been added to the MSOP.

C.4 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.

- (c) **The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).**
- (d) **The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).**

All required notifications shall be submitted to:

**Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015**

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an “authorized individual” as defined by 326 IAC 2-1.1-1.

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited, pursuant to the provisions of 40 CFR 61, Subpart M, is federally enforceable.

15. The statement that “326 IAC 6-4-2(4) is not federally enforceable” has been removed from Condition C.8 (renumbered to C.6).

C.86 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). ~~326 IAC 6-4-2(4) is not federally enforceable.~~

16. C.9 (Performance Testing) has been re-numbered as C.7 and rearranged for clarity. Language has also been added to indicate that the test protocol and the notification of the test date do not require certification by the authorized individual. Part (c) “within” has been changed to “not later than”.

C.97 Performance Testing [326 IAC 3-6]

- (a) Compliance testing on new emissions units shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up, if specified in Section D of this approval. All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. ~~The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.~~

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14 days) prior to the actual test date.

~~(b)(c)~~ **Pursuant to 326 IAC 3-6-4(b), all** All test reports must be received by IDEM, OAQ ~~within not later than~~ forty-five (45) days after the completion of the testing. An extension may be granted by the IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation ~~within not later than~~ five (5) days prior to the end of the initial forty-five (45) day period.

~~The documentation submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1.~~

17. C.8 Compliance Requirements is a new condition that refers to IDEM's general compliance authority in 326 IAC 2-1.1-11.

Compliance Requirements [326 IAC 2-1.1-11]

C.8 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U.S. EPA.

18. C.10. Compliance Monitoring has been re-numbered as C.9.

C.409 Compliance Monitoring [326 IAC 2-1.1-11]

19. C.11 Monitoring Methods has been re-numbered as C.10 and the following rule cites have been added.

C.4410 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, **40 CFR 60, Appendix B, 40 CFR 63**, or other approved methods as specified in this permit.

20. The title of condition C.12 (renumbered to C.11) has been revised as follows.

C.4211 Compliance Response Plan - Preparation, and Implementation, Records, and Reports

21. C.14 Monitoring Data Availability has been incorporated into C.10 Compliance Response Plan - Preparation and Implementation

~~C.14 Monitoring Data Availability [326 IAC 2-6.1-2] [IC 13-14-1-13]~~

- ~~(a) With the exception of performance tests conducted in accordance with Section C- Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.~~
- ~~(b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.~~
- ~~(c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.~~
- ~~(d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.~~
- ~~(e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.~~
- ~~(f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.~~

22. (General Record Keeping Requirements) has been revised to be more consistent with the rules and to assure sources that they get a "reasonable time" to produce records no matter how or when IDEM ask for them. "monitoring" was removed so that the condition will seem more generalized to all record keeping, "reports" was added to clarify that the source must keep copies of those as well. (b) and (c) have been removed because they were unnecessary.

~~C.153 General Record Keeping Requirements [326 IAC 2-6.1-2 5]~~

- ~~(a) Records of all required **monitoring** data, **reports** and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAQ representative. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a **written** request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.~~
- ~~(b) Records of required monitoring information shall include, where applicable:~~
- ~~(1) The date, place, and time of sampling or measurements;~~
- ~~(2) The dates analyses were performed;~~
- ~~(3) The company or entity performing the analyses;~~
- ~~(4) The analytic techniques or methods used;~~
- ~~(5) The results of such analyses; and~~

~~_____ (6) _____ The operating conditions existing at the time of sampling or measurement.~~

~~_____ (c) _____ Support information shall include, where applicable:~~

~~_____ (1) _____ Copies of all reports required by this permit;~~

~~_____ (2) _____ All original strip chart recordings for continuous monitoring instrumentation;~~

~~_____ (3) _____ All calibration and maintenance records;~~

~~_____ (4) _____ Records of preventive maintenance shall be sufficient to demonstrate that failure to implement the Preventive Maintenance Plan did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.~~

~~(d)~~**(b)** **Unless otherwise specified in this permit, a** All record keeping requirements not already legally required shall be implemented when operation begins.

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for a Minor Source Operating Permit

Source Background and Description

Source Name: TEPPCO Seymour Terminal
Source Location: 10197 E. County Road 1000 North, Seymour, IN 47274
County: Jackson
SIC Code: 4613
Operation Permit No.: 071-7662-00007
Permit Reviewer: Adeel Yousuf / EVP

The Office of Air Quality (OAQ) has reviewed a MSOP application from TEPPCO Seymour Terminal relating to the operation of a refined petroleum pipeline terminal.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

- (a) One (1) fixed roof cone tank identified as Tank No. 3001, with a capacity of 3,534,659 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low vapor pressure (VP) product, and exhausting to stack 001 (constructed in 1959).
- (b) One (1) fixed roof cone tank identified as Tank No. 3002, with a capacity of 2,666,143 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product, exhausting to stack 002 (constructed in 1959).
- (c) One (1) fixed roof cone tank identified as Tank No. 3003, with a capacity of 2,666,143 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product, exhausting to stack 003 (constructed in 1959).
- (d) One (1) internal floating roof tank identified as Tank No. 3004, with a capacity of 3,220,014 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 004 (constructed in 1959).
- (e) One (1) domed external floating roof tank identified as Tank No. 3005, with a capacity of 3,249,498 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 005 (constructed in 1959).
- (f) One (1) domed external floating roof tank identified as Tank No. 3006, with a capacity of 3,246,054 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 006 (constructed in 1959).
- (g) One (1) domed external floating roof tank identified as Tank No. 3007, with a capacity of 2,527,686 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 007) constructed in 1959).

- (h) One (1) domed external floating roof tank identified as Tank No. 3008, with a capacity of 2,528,274 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 008 (constructed in 1959).
- (i) One (1) internal floating roof tank identified as Tank No. 3009, with a capacity of 12,453,714 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 009 (constructed in 1961).
- (j) One (1) fixed roof cone tank identified as Tank No. 3010, with a capacity of 13,309,385 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 010 (constructed in 1961).
- (k) One (1) fixed roof cone tank identified as Tank No. 3011, with a capacity of 3,566,099 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 011 (constructed in 1961).
- (l) One (1) domed external floating roof tank identified as Tank No. 3012, with a capacity of 1,361,892 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 012 (constructed in 1961).
- (m) One (1) fixed roof cone tank identified as Tank No. 3013, with a capacity of 11,022,995 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 013 (constructed in 1961).
- (n) One (1) domed external floating roof tank identified as Tank No. 3014, with a capacity of 2,498,790 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 014 (constructed in 1960).
- (o) One (1) domed external floating roof tank identified as Tank No. 3015, with a capacity of 3,245,424 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 015 (constructed in 1960).
- (p) One (1) domed external floating roof tank identified as Tank No. 3016, with a capacity of 3,497,718 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 016 (constructed in 1960).
- (q) One (1) domed external floating roof tank identified as Tank No. 3017, with a capacity of 2,498,118 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 017 (constructed in 1960).
- (r) One (1) internal floating roof tank identified as Tank No. 3018, with a capacity of 955,988 gallons and a maximum withdrawal rate of 10,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 018 (constructed in 1980).
- (s) One (1) internal floating roof tank identified as Tank No. 3061, with a capacity of 79,716 gallons and a maximum withdrawal rate of 2,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 061 (constructed in 1959).

- (t) One (1) fixed roof cone tank identified as Tank No. 3062, with a capacity of 211,012 gallons and a maximum withdrawal rate of 5,000 barrels per hour of Blends, Transmix, Jet A Kerosene, Diesel and similar low VP product and exhausting to stack 062 (constructed in 1961).
- (u) One (1) internal floating roof tank identified as Tank No. 3063, with a capacity of 201,516 gallons and a maximum withdrawal rate of 5,000 barrels per hour of Natural Gasoline, Gasoline and petroleum products, Jet A Kerosene, Diesel and similar low VP product, and exhausting to stack 063 (constructed in 1961).
- (v) Space heaters, process heater, or boilers using the following fuels: Propane or liquified petroleum gas, or butane -fired combustion sources with heat input equal to or less than six million (6,000,000) Btu per hour.
- (w) A petroleum fuel, other than gasoline, dispensing facility, having storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month.
- (x) The following VOC and HAP storage containers:
 - (1) Storage tanks with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons.
 - (2) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.
- (y) Equipment used exclusively for the following: Filling drums, pails or other packaging container with lubricating oil, waxes, and greases.
- (z) Groundwater oil recovery wells.
- (aa) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume.
 - (bb) Process vessel degassing and cleaning to prepare for internal repairs.
- (cc) On-site fire and emergency response training approved by the department.
- (dd) Emergency generators as follows: Natural gas turbines or reciprocating engines not exceeding 16,000 horsepower.
- (ee) Purge double block and bleed valves.
- (ff) Farm operations.
- (gg) Activities or categories not previously identified with emissions less than exempt thresholds:
 - (1) Tank bottom treatment system.
Note: TEPPCO operates a treatment system for water that accumulates in product storage tanks at the Seymour Terminal. This system consists of a primary gravity oil/water separator, a sand/carbon filter unit, a 100,000 gallon influent equalization tank, a secondary gravity oil/water separator, and activated sludge biological system and two 100,000 gallon effluent holding tanks. Flow through the treatment system is 2 gallons per minute. The proposed treatment system is permitted to discharge wastewater, hydrostatic test water, and storm water potentially contaminated with petroleum hydrocarbons under NPDES general permit number 340007. Total VOC emissions from the system are at 0.44 tons per year, 0.41 pounds per hour and 9.9 pounds per day. The system is approved to operate under IDEM Exempt Construction and Operation Status Permit Number CP 071-6123;

- (2) Flare used for maintenance only.
Note: One smokeless flare stack is connected by a 2-inch pipe to the 14-inch and 20-inch mainlines. This flare stack is used when maintenance is necessary on either of the lines, and when these lines are filled with liquified Petroleum Gas (LPG) products (propane or butane). Scheduled maintenance is not usually performed on these lines when containing LPG and the flare stack is seldom used. When used, the flare is lighted manually and is fueled only by the LPG contained in the lines producing negligible emissions.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted facilities operating at this source during this review process.

Existing Approvals

The source has constructed or has been operating under the following previous approvals:

- (a) Registration, issued on December 5, 1986;
- (b) OP 36-04-91-0104, issued on June 9, 1988;
- (c) OP 36-04-91-0105, issued on June 9, 1988;
- (d) OP 36-04-91-0106, issued on June 9, 1988;
- (e) OP 36-04-91-0107, issued on June 9, 1988;
- (f) OP 36-04-91-0108, issued on June 9, 1988;
- (g) OP 36-04-91-0109, issued on June 9, 1988;
- (h) Registration CP071-3652-00007, issued on May 13, 1994;
- (i) Exemption CP071-3805-00007, issued on July 26, 1994;
- (j) Exemption CP071 -4409-00007, issued on May 16, 1995;
- (k) Registration CP071-3492-00007, issued on March 29, 1994; and
- (l) Exemption CP071-6123-00007, issued on July 9, 1996.
- (l) Registration CP071-9334-00007, issued on February 24, 1998.
- (l) Exemption CP071-9595-00007, issued on May 12, 1998

All terms and conditions of previous permit issued pursuant to permitting programs approved into the state implementation plan have been either incorporated as originally stated, revised, or deleted by this permit. All previous registrations and permits are superseded by this permit.

Enforcement Issue

There are no enforcement actions pending.

Stack Summary

Stack ID	Operation	Tank Height (feet)	Tank Diameter (feet)	Flow Rate (acfm)	Temperature (°F)
01	Tank 3001	40	125	7362	Ambient
02	Tank 3002	40	110	5701	Ambient
03	Tank 3003	40	110	5701	Ambient
04	Tank 3004	40	110	5701	Ambient
05	Tank 3005	48	114	6123	Ambient
06	Tank 3006	48	114	6123	Ambient
07	Tank 3007	48	100	4712	Ambient
08	Tank 3008	48	100	4712	Ambient
09	Tank 3009	48	220	22804	Ambient
10	Tank 3010	48	220	22804	Ambient
11	Tank 3011	48	114	6123	Ambient
12	Tank 3011	48	73.33	2534	Ambient
13	Tank 3012	48	200	18846	Ambient
14	Tank 3013	48	100	4712	Ambient
15	Tank 3014	48	114	6123	Ambient
16	Tank 3015	48	114	6123	Ambient
17	Tank 3017	48	100	4712	Ambient
18	Tank 3018	48	62.5	1840	Ambient
19	Tank 3061	36	21.25	213	Ambient
20	Tank 3062	32	33.5	529	Ambient
21	Tank 3063	32	33.5	529	Ambient

Recommendation

The staff recommends to the Commissioner that the operation be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on October 22, 1998, with additional information received on August 29, 2002 and September 10, 2002.

Emission Calculations

See Appendix A of this document for detailed emissions calculations pages 1 through 6.

Potential To Emit of Source Before Controls

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source or emissions unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA, the department, or the appropriate local air pollution control agency.”

Pollutant	Potential To Emit (tons/year)
PM	0.11
PM-10	0.11
SO ₂	0.00
VOC	59.36
CO	0.58
NO _x	4.30

HAP's	Unrestricted Potential Emissions (tons/yr)
Benzene	less than 10
Toluene	less than 10
Ethyl Benzene	less than 10
Xylene	less than 10
Hexane	less than 10
MTBE	less than 10
TOTAL	less than 25

- (a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of all pollutants are less than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-6.1.
- (a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of any single HAP is less than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination HAPs is less than twenty-five (25) tons per year. Therefore, the source is not subject to the provisions of 326 IAC 2-7.
- (b) Fugitive Emissions
Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

County Attainment Status

The source is located in Jackson County.

Pollutant	Status
PM-10	attainment
SO ₂	attainment
NO ₂	attainment
Ozone	attainment
CO	attainment
Lead	attainment

- (a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC emissions are considered when evaluating the rule applicability relating to the ozone standards. Jackson County has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.
- (b) Jackson County has been classified as attainment or unclassifiable for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

Source Status

Existing Source PSD Definition (emissions after controls, based on 8,760 hours of operation per year at rated capacity and/ or as otherwise limited):

Pollutant	Emissions (ton/yr)
PM	0.11
PM10	0.11
SO ₂	0.00
VOC	59.36
CO	0.58
NO _x	4.30
Single HAP	6.06
Total HAPs	16.15

- (a) This existing source is **not** a major stationary source because no attainment regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not in one of the 28 listed source categories.

Part 70 Permit Determination

326 IAC 2-7 (Part 70 Permit Program)

This existing source, with total emissions as indicated in this permit MSOP 071-7662-00007, is not subject to the Part 70 Permit requirements because the potential to emit (PTE) of:

- (a) each criteria pollutant is less than 100 tons per year,
- (b) a single hazardous air pollutant (HAP) is less than 10 tons per year, and
- (c) any combination of HAPs is less than 25 tons/year.

This status is based on all the air approvals issued to the source. This status has been verified by the OAQ inspector assigned to the source.

Federal Rule Applicability

- (a) Storage tanks identified as 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3061, 3062 and 3063 are not subject to the New Source Performance Standard, 326 IAC 12, (40 CFR Parts 60.110, 110a-115a or 110b-117b, Subparts K, Ka and Kb), because these tanks were all constructed between 1959 and 1961, prior to the earliest applicability date of June 11, 1973 for Subpart K, Ka or Kb.

Note: Tank 3004 was originally constructed as a cone roof tank in 1959. The tank was converted on October 1, 1994 to an internal floating roof with a vapor mounted double vapor seal system. The conversion was authorized by IDEM and classified as registered construction and operation status under CP 071-3492-00007. The changes made to the tank in 1994 are not considered modifications because the potential to emit did not increase. Also, the changes made to the tank did not exceed 50% of the tank replacement cost and thus the tank was deemed not to be subject to Subpart Kb.

- (b) Storage tank identified as 3018, is subject to the New Source Performance Standard, 326 IAC 12, 40 CFR Part 60.112b, Subpart Kb (Volatile Organic Liquid Storage Vessels), because the tank was modified after the rule applicability date of July 23, 1984, has a storage capacity of greater than 151 m³ (39,890 gallons) and store volatile organic liquid with a maximum true vapor pressure of greater than 3.5 kPa.
Note: Tank 3018 was originally constructed as an internal floating roof tank in 1980, and was therefore originally subject to Subpart Ka. The products approved for service in the tank were modified in July 1994. At that time, the roof seals were replaced to accommodate the storage materials. Thus the requirements of subpart Kb were triggered at the time of this modification. The conversion was authorized by IDEM and classified as registered construction and operation status under CP 071-3492-00007.

Pursuant to 40 CFR 60.112b, the following shall apply:

- (1) the owner or operator shall equip each tank with one (1) of the following:
- (i) A fixed roof in combination with an internal floating roof meeting the following specifications:
 - (A) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
 - (B) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:
 - (I) A foam or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid mounted seal means a foam - or liquid filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
 - (II) Two seals mounted one above the others so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor mounted, but both must be continuous.
 - (C) Each opening in a non-contact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.
 - (D) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
 - (E) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.

- (F) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
 - (G) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.
 - (H) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.
 - (I) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.
- (ii) An external floating roof means a pontoon-type or double-deck type cover that rests on the liquid surface in a vessel with no fixed roof. Each external floating roof must meet the following specifications:
- (A) Each external floating roof shall be equipped with a closure device between the wall of the storage vessel and the roof edge. The closure device is to consist of two seals, one above the other. The lower seal is referred to as the primary seal, and the upper seal is referred to as the secondary seal.
 - (I) The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the seal shall completely cover the annular space between the edge of the floating roof and tank wall.
 - (II) The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion except as allowed in 40 CFR 60.113b(b)(4).
 - (B) The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible.
- (iii) A closed vent system and control device meeting the following specifications:
- (A) The closed vent system shall be designed to collect all VOC vapors and gases discharged from the storage vessel and operated with no detectable emissions as indicated by an instrument reading of less than 500 ppm above background and visual inspections, as determined in part 60, subpart VV, 40 CFR 60.485(b).
 - (B) The control device shall be designed and operated to reduce inlet VOC emissions by 95 percent or greater. If a flare is used as the control device, it shall meet the specifications described in the general control device requirements (40 CFR 60.18) of the General Provisions.
- (iv) A system equivalent to those described in paragraphs (i)(A), (i)(B), or (i)(C) above as provided in 40 CFR 60.114b.
- (2) The testing procedures are required under 40 CFR 60.113b. The record keeping and reporting are required under 40 CFR 60.115b.

Tank 3018 has welded internal floating roof decks and is equipped with vapor mounted rim seal. Therefore, the tank comply with the requirements of 40 CFR 60, Subpart Kb.

- (c) The source is not subject to the Bulk Gasoline Terminals New Source Performance Standard, 326 IAC 12, (40 CFR Part 60.500, Subpart XX), because this rule only applies to loading racks which deliver liquid products into gasoline tank trucks.
- (d) The source is not subject to the National Emissions Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) 40 CFR 63.420 (Subpart R) because the owner or operator has documented and recorded that the facility is not a major source.

State Rule Applicability - Entire Source

326 IAC 2-2 and 40 CFR 52.21(Prevention of Significant Deterioration (PSD))

This source is not subject to the requirements of this rule. This source was constructed in 1959, prior to the rule applicability date of August 7, 1980, is not one of the 28 listed source categories and no major modifications were done, therefore, it is not subject to the requirements of the rule. Therefore, the requirements of 326 IAC 2-2 and 40 CFR 52.21 (PSD) do not apply.

326 IAC 2-6 (Emission Reporting)

This source is located in Jackson County and the potential to emit each pollutant is less than one hundred (100) tons per year. Therefore, 326 IAC 2-6 does not apply.

326 IAC 5-1 (Opacity Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

326 IAC 2-4.1-1 (New Source Toxics Control)

This source is not subject to 326 IAC 2-4.1-1 (New Source Toxics Control) because no new or reconstructed facilities with a PTE of any single HAP at 10 tons per year or 25 tons per year of the combination HAPs have been installed since July 27, 1997. Therefore, 326 IAC 2-4.1-1 does not apply.

State Rule Applicability - Individual Facilities

326 IAC 8-1-6 (New Facilities; General Reduction Requirements)

This bulk petroleum product storage terminal is not subject to the provision of 326 IAC 8-1-6. This rule applies to facilities located in any county constructed after January 1, 1980, which are not otherwise regulated by any other provisions of 326 IAC 8, and have potential emissions of 25 tons/yr or greater. This bulk petroleum product storage terminal was constructed prior to January 1, 1980, and the modifications to tanks 3004 and 3018 in 1994 did not result in any emissions increase, therefore, this rule does not apply.

326 IAC 8-4 (Petroleum Sources)

Section 2 through 5 and section 7 through 9 of 326 IAC 8-4 apply to all new sources as of January 1, 1980. This source was originally constructed in 1959 with subsequent modifications in 1961, 1980 and 1994. Therefore, this source is not a new source and not subject to the requirements of 326 IAC 8-4.

The modification to tanks 3004 and 3018 in 1994 is not considered a new construction or installation, therefore these tanks are not subject to the requirements of 326 IAC 8-4.

326 IAC 8-4-6 (Gasoline Dispensing Facilities)

Section 6 of 326 IAC 8-4 applies to any gasoline storage tank installed after July 1, 1989, at a gasoline dispensing facility. The source is not subject to the requirements of 326 IAC 8-4-6 (Gasoline Dispensing Facilities), because the source does not dispense gasoline into motor vehicle fuel tanks or portable containers and is not a gasoline dispensing facility.

326 IAC 8-6 (Organic Solvent Emission Limitations)

Pursuant to 326 IAC 8-6-1, the requirements of this rule apply to sources commencing operation after October 7, 1974 and prior to January 1, 1980, located anywhere in the state, with potential VOC emissions of 100 tons per year or more, and not regulated by any other provision of Article 8. This source commenced operation prior to October 7, 1974, therefore, this rule does not apply.

326 IAC 8-7 (Specific VOC Reduction Requirements for Lake, Porter, Clark and Floyd Counties)

The source is not subject to the requirements of 326 IAC 8-7 (Specific VOC Reduction Requirements for Lake, Porter, Clark and Floyd Counties), because this source is not located in one of the listed counties.

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels)

The source is not subject to the requirements of 326 IAC 8-9 (Volatile Organic Liquid Storage Vessels) because this source is not located in one of the listed counties and was constructed prior to January 1, 1980.

There are no other 326 IAC 8 rules that apply to this source.

Compliance Requirements

Permits issued under 326 IAC 2-6 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-6.1-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The compliance monitoring requirements applicable to this source are as follows:

1. The tank identified as 3018 has applicable compliance monitoring conditions as specified below:

The Permittee shall comply with the monitoring requirements in 40 CFR 60.116b for the internal floating roof tank identified as 3018 and shall maintain the following records for a minimum of two (2) years. The applicable compliance monitoring conditions are specified below:

- (a) The Permittee shall keep copies of all records required by this section, except for the record required by paragraph (b) below, for at least two (2) years. The record required by paragraph (b) below will be kept for the life of the source.
- (b) The Permittee shall keep readily accessible records showing the dimension of each storage vessel and an analysis showing the capacity of each storage vessel.
- (c) The Permittee shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.
- (d) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.
 - (1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.
 - (2) For crude oil or refined petroleum products the vapor pressure may be obtained by the following:
 - (i) Available data on the Reid vapor pressure and the maximum expected storage temperature based on the highest expected calendar-month average temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517 (incorporated by reference-see 40 CFR 60.17), unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).
 - (ii) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa or with physical properties that preclude determination by the recommended method is to be determined from available data and recorded if the estimated maximum true vapor pressure is greater than 3.5 kPa.
 - (3) For other liquids, the vapor pressure:
 - (i) May be obtained from standard reference texts, or
 - (ii) Determined by ASTM Method D2879-83 (incorporated by reference-see 40 CFR 60.17); or

- (iii) Measured by an appropriate method approved by the Administrator; or
- (iv) Calculated by an appropriate method approved by the Administrator.

These monitoring conditions are necessary because the tanks 60-1 and 30-1 must comply with 40 CFR 60.116b (NSPS, Subpart Kb) and 326 IAC 2-6.1-5(a)(2).

Conclusion

The operation of this of this bulk petroleum product storage terminal shall be subject to the conditions of the attached proposed Minor Source Operating Permit 071-7662-00007.

Appendix A: Emission Calculations

Company Name: TEPPCO Seymour Terminal
 Address City IN Zip: 10197 E. County Road 1000 North, Seymour, IN 47274
 Operating Permit No.: 071-7662-00007
 Reviewer: Adeel Yousuf/EVP
 Date: September 26, 2002

Total Potential To Emit (tons/year)				
Emissions Generating Activity				
Pollutant	Storage Tanks	Process Fugitive Emissions	Combustion Units	TOTAL
PM	0.00	0.00	0.11	0.11
PM10	0.00	0.00	0.11	0.11
SO2	0.00	0.00	0.00	0.00
NOx	0.00	0.00	4.30	4.30
VOC	52.60	6.61	0.15	59.36
CO	0.00	0.00	0.58	0.58
total HAPs	14.01	2.14	0.00	16.15
worst case single HAP	(benzene) 5.25	(benzene) 0.81	0.00	(benzene) 6.06
Total emissions based on rated capacities at 8,760 hours/year.				
Controlled Potential To Emit (tons/year)				
Emissions Generating Activity				
Pollutant	Storage Tanks	Process Fugitive Emissions	Combustion Units	TOTAL
PM	0.00	0.00	0.11	0.11
PM10	0.00	0.00	0.11	0.11
SO2	0.00	0.00	0.00	0.00
NOx	0.00	0.00	4.30	4.30
VOC	52.60	6.61	0.15	59.36
CO	0.00	0.00	0.58	0.58
total HAPs	14.01	2.14	0.00	16.15
worst case single HAP	(benzene) 5.25	(benzene) 0.81	0.00	(benzene) 6.06
Total emissions based on rated capacities at 8,760 hours/year.				

**Appendix A: Emission Calculations
Tank VOC Emissions - Maximum PTE**

Company Name: TEPPCO Seymour Terminal
Address City IN Zip: 10197 E. County Road 1000 North, Seymour, IN 47274
Operating Permit No.: 071-7662-00007
Reviewer: Adeel Yousuf/EVP
Date: September 27, 2002

Tank Number	Product Stored	Losses (Tons per Year)						Total VOC Tons/yr
		Working	Breathing	Withdrawal	Rim Seal	Deck Fitting	Deck Seam	
3001	Jet A, Diesel and similar low VP	1.55	0.26	--	--	--	--	1.81
3002	Jet A, Diesel and similar low VP	1.17	0.20	--	--	--	--	1.37
3003	Jet A, Diesel and similar low VP	1.17	0.20	--	--	--	--	1.37
3004	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.18	0.35	3.38	0.00	3.92
3005	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.20	0.32	0.32	0.00	0.84
3006	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.20	0.32	0.32	0.00	0.84
3007	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.17	0.28	0.31	0.00	0.77
3008	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.17	0.28	0.31	0.00	0.77
3009	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.43	0.62	6.39	0.00	7.44
3010	Jet A, Diesel and low VP	6.48	0.94	--	--	--	--	7.41
3011	Jet A, Diesel and low VP	1.74	0.29	--	--	--	--	2.02
3012	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.13	0.21	0.30	0.00	0.64
3013	Jet A, Diesel and low VP	4.85	0.79	--	--	--	--	5.64
3014	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.17	0.28	0.37	0.00	0.83
3015	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.20	0.32	0.37	0.00	0.89
3016	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.21	1.19	0.38	0.00	1.78
3017	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.17	0.28	0.31	0.00	0.77
3018	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.65	0.11	1.37	0.00	2.13
3061	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.03	0.22	1.20	0.00	1.45
3062	Blends, Transmix, Jet A, Diesel and low VP	6.31	2.86	--	--	--	--	9.18
3063	Nat. GasIn, GasIn, Jet A, Diesel and low VP	--	--	0.04	0.35	0.34	0.00	0.74
Total VOC		23.27	5.54	2.95	5.16	15.69	0.00	52.60

Notes:

All storage tank emissions estimated using USEPA's Tanks 4.09b software program and are based on the estimated maximum annual throughput for each tank.
All annual tank throughputs based on 73 turnovers (once every 5 days) except tanks 3010, 3011 = 100 and tank 3062 = 12.

**Appendix A: Emission Calculations
Tank HAP Emissions - Maximum PTE**

TSD App A, Page :

Company Name: TEPPCO Seymour Terminal
Address City IN Zip: 10197 E. County Road 1000 North, Seymour, IN 47274
Operating Permit No.: 071-7662-00007
Reviewer: Adeel Yousuf/EVP
Date: September 27, 2002

Standing Losses

Tank Number	Product Stored	VOC Emissions Tons/yr	Vapor Weight Percent						Total
			Benzene	Toluene	Ethyl-Benzene	Xylenes	Hexane	MTBE	
	Diesel/Jet A/Transmix	N/A	16.70%	9.84%	1.94%	4.45%	9.17%	0.00%	
	Gasoline	N/A	0.90%	1.30%	0.10%	0.50%	1.60%	1.30%	
HAP Emissions (tons/yr)									
3001	Jet A, Diesel and similar low VP	1.81	0.30	0.18	0.04	0.08	0.17	0.00	0.76
3002	Jet A, Diesel and similar low VP	1.37	0.23	0.13	0.03	0.06	0.13	0.00	0.58
3003	Jet A, Diesel and similar low VP	1.37	0.23	0.14	0.03	0.06	0.13	0.00	0.58
3004	Nat. GasIn, GasIn, Jet A, Diesel and low VP	3.92	0.04	0.05	0.00	0.02	0.06	0.05	0.22
3005	Nat. GasIn, GasIn, Jet A, Diesel and low VP	0.84	0.01	0.01	0.00	0.00	0.01	0.01	0.05
3006	Nat. GasIn, GasIn, Jet A, Diesel and low VP	0.84	0.01	0.01	0.00	0.00	0.01	0.01	0.05
3007	Nat. GasIn, GasIn, Jet A, Diesel and low VP	0.77	0.01	0.01	0.00	0.00	0.01	0.01	0.04
3008	Nat. GasIn, GasIn, Jet A, Diesel and low VP	0.77	0.01	0.01	0.00	0.00	0.01	0.01	0.04
3009	Nat. GasIn, GasIn, Jet A, Diesel and low VP	7.44	0.07	0.10	0.01	0.04	0.12	0.10	0.42
3010	Jet A, Diesel and low VP	7.41	1.24	0.73	0.14	0.33	0.68	0.00	3.12
3011	Jet A, Diesel and low VP	2.02	0.34	0.20	0.04	0.09	0.19	0.00	0.85
3012	Nat. GasIn, GasIn, Jet A, Diesel and low VP	0.64	0.01	0.01	0.00	0.00	0.01	0.01	0.04
3013	Jet A, Diesel and low VP	5.64	0.94	0.55	0.11	0.25	0.52	0.00	2.37
3014	Nat. GasIn, GasIn, Jet A, Diesel and low VP	0.83	0.01	0.01	0.00	0.00	0.01	0.01	0.05
3015	Nat. GasIn, GasIn, Jet A, Diesel and low VP	0.89	0.01	0.01	0.00	0.00	0.01	0.01	0.05
3016	Nat. GasIn, GasIn, Jet A, Diesel and low VP	1.78	0.02	0.02	0.00	0.01	0.03	0.02	0.10
3017	Nat. GasIn, GasIn, Jet A, Diesel and low VP	0.77	0.01	0.01	0.00	0.00	0.01	0.01	0.04
3018	Nat. GasIn, GasIn, Jet A, Diesel and low VP	2.13	0.02	0.03	0.00	0.01	0.03	0.03	0.12
3061	Nat. GasIn, GasIn, Jet A, Diesel and low VP	1.45	0.24	0.14	0.03	0.06	0.13	0.00	0.61
3062	Blends, Transmix, Jet A, Diesel and low VP	9.18	1.53	0.90	0.18	0.41	0.84	0.00	3.86
3063	Nat. GasIn, GasIn, Jet A, Diesel and low VP	0.74	0.01	0.01	0.00	0.00	0.01	0.01	0.04
Total		52.60	5.25	3.27	0.61	1.46	3.13	0.29	14.01

Notes:

All storage tank emissions estimated using USEPA's Tanks 4.09b software program and are based on the estimated maximum annual throughput for each tank.

To determine the worst case emissions for Diesel and Jet A service, the highest vapor wt% for each service was used to determine the emissions.

The higher vapor wt% for all HAPs was higher for Diesel than Jet A except Hexane where the Jet A wt% was used.

Transmix is a blend of all fuels, but the highest vapor wt% for Diesel, Jet A or gasoline was used.

MTBE is sometimes used to oxygenate fuel, vapor wt% is based on TEPPCO's highest % in the pipelines at the origination point in Texas. No pure MTBE is handled at Seymour Terminal.

Appendix A: Emission Calculations Process Fugitive Emissions

Company Name: TEPPCO Seymour Terminal
Address City IN Zip: 10197 E. County Road 1000 North, Seymour, IN 47274
Operating Permit No.: 071-7662-00007
Reviewer: Adeel Youusf/EVP
Date: September 27, 2002

Fugitive VOC emissions

Component Type	Service	Avg. Emission Factor (lb/hr-component)	Quantity*	VOC Emissions (lb/hr)	VOC Emissions (tons/yr)
Flange/Screwed Connections	Light Liquid	1.76E-05	505	0.009	0.04
	Heavy Liquid	Negligible	0	Negligible	Negligible
Valves	Light Liquid	9.48E-05	1258	0.119	0.52
	Heavy Liquid	Negligible	0	Negligible	Negligible
Pump Seals	Light Liquid	1.19E-03	18	0.021	0.09
	Heavy Liquid	Negligible	0	Negligible	Negligible
Sample Ports	Light Liquid	2.87E-04	3304	0.948	4.15
	Heavy Liquid	Negligible	0	Negligible	Negligible
Total				1.098	4.81

Note: Emission factors are taken from: U.S. EPA. Office of Air Quality Planning and Standards. Protocol for Equipment Leak Emission Estimates. (Research Triangle Park, NC: U.S. EPA EPA-453/R-95-017, 1995). Table 2-3

Fugitive HAP emissions

Component Type	VOC Emissions Tons/yr	Vapor Weight Percent						Total
		Benzene	Toluene	Ethyl-Benzene	Xylenes	Hexane	MTBE	
Diesel/Jet A/Transmix	N/A	16.70%	9.84%	1.94%	4.45%	9.17%	0.00%	
Gasoline	N/A	0.90%	1.30%	0.10%	0.50%	1.60%	1.30%	
Total Fugitives	4.81	0.80	0.47	0.09	0.21	0.44	0.06	
Total		0.81	0.49	0.09	0.22	0.46	0.08	2.14

* All components are conservatively assumed to be in light liquid service.
Worst case vapor weight percent is used to calculate emissions for each HAP.

Insignificant Activity (VOC emissions)

Tank Bottom Treatment System

TEPPCO operates a treatment system for water that accumulates in product storage tanks at the Seymour Terminal. This system consists of a primary gravity oil/water separator, a sand/carbon filter unit, a 100,000 gallon influent equalization tank, a secondary gravity oil/water separator, an activated sludge biological system and two 100,000 gallon effluent holding tanks. Flow through the treatment system is 2 gallons per minute. The proposed treatment system is permitted to discharge wastewater, hydrostatic test water, and stormwater potentially contaminated with petroleum hydrocarbons under NPDES general permit number 340007. Total VOC emissions from the system are below insignificant threshold at: 0.41 lb/hr (equivalent to 1.80 tons per year). The system is under IDEM Exempt Construction and Operation Status Permit Number CP 071-6123.

Appendix A: Emission Calculations**Liquid Propane Gas****(Heat input capacity: > 0.3 MMBtu/hr and < 10 MMBtu/hr)**

Company Name: TEPPCO Seymour Terminal
Address City IN Zip: 10197 E. County Road 1000 North, Seymour, IN 47274
Operating Permit No.: 071-7662-00007
Reviewer: Adeel Youusf/EVP
Date: September 27, 2002

Heat Input Capacity
MMBtu/hr

6.00

Potential Throughput
kgals/year

559.15

SO₂ Emission factor = 0.10 x S

S = Weight % Sulfur =

0.00

Heaters

Emission Factor in lb/kgal	Pollutant					
	PM	PM10	SO ₂	NO _x	VOC	CO
	0.4	0.4	0.0 (0.10S)	14.0	0.5	1.9
Potential Emission in tons/yr	0.11	0.11	0.00	3.91	0.14	0.53

Methodology

1 gallon of LPG has a heating value of 94,000 Btu

Potential Throughput (kgals/year) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1kgal per 1000 gallon x 1 gal per 0.094 MMBtu

Emission Factors are from AP42, Fifth Edition (January 1995), Table 1.5-2 (SCC #1-02-010-02)

Emission (tons/yr) = Throughput (kgals/yr) x Emission Factor (lb/kgal) / 2,000 lb/ton

Appendix A: Emission Calculations
Natural Gas Combustion
MM Btu/hr 0.3 - < 100

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Company Name: TEPPCO Seymour Terminal
Address City IN Zip: 10197 E. County Road 1000 North, Seymour, IN 47274
Operating Permit No.: 071-7662-00007
Reviewer: Adeel Youusf/EVP
Date: September 27, 2002

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMCF/yr

0.46

0.2

Heat Input Capacity includes:
Emergency generator

	Pollutant					
Emission Factor in lb/MMCF	PM 10.00	PM10 10.00	SO2 0.60	NOx 3400.00	VOC 82.90	CO 430.00
Potential Emission in tons/yr	0.001	0.001	0.000	0.390	0.010	0.049

Methodology:

Emission Factors for emergency generator from SCC #2-02-001-02

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 500 hrs/yr x 1 MMCF/1,000 MMBtu

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

All PM is assumed to be less than 1.0 micrometer in diameter. Therefore, the PM emission factors may be used to estimate PM10, PM2.5, and PM1 er